

I  
O  
W  
A  
  
P  
R  
I  
S  
O  
N  
  
I  
N  
D  
U  
S  
T  
R  
I  
E  
S



# Ultra Glass Cleaner

## DESCRIPTION:

Super concentrated, ammonia-based glass and all surface cleaner. Fast acting no streak glass cleaner for routine multi-surface cleaning. Contains powerful solvents and ammonia to cut through film quickly. Use on glass, plexiglass, metal, and other hard surfaces.

## DIRECTIONS FOR USE:

Fill properly labeled trigger spray bottle with Ultra Glass Cleaner from the IPI Ultra Systems Dispenser. Using a fine spray, spray six to twelve inches from surface to be cleaned. Spray on sparingly; wipe clean. Polish immediately with a clean, dry cloth or a paper towel. A squeegee may also be used.

## WARNING:

This concentrate contains ammonia and 2-butoxyethanol. With this concentrate, avoid contact with eyes and prolonged or repeated contact with skin. Breathing of the concentrate vapors may cause irritation. Swallowing of concentrate may cause irritation, nausea, vomiting, and diarrhea.

## CAUTION

**KEEP OUT OF THE REACH OF CHILDREN**

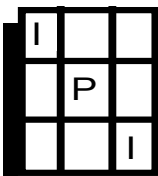
**Only for sale to, use and storage by Service Personnel**

For best product efficiency keep stock rotated.

Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.

Gallons GH31050 - Case of 4



**IOWA  
PRISON  
INDUSTRIE**

# MATERIAL SAFETY DATA SHEET

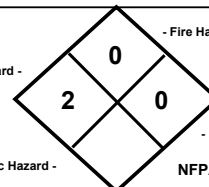
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 5/12/04  
Supersedes Date: NEW

## HAZARD RATING

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

Health Hazard -



NFPA CODE 704

## SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer Name IOWA PRISON INDUSTRIES Emergency Telephone No. (319) 462-3547  
Address 406 North High Street, Anamosa, Iowa 52205  
Trade Name- **ULTRA GLASS CLEANER** Product Type-  
Chemical Family- Formula- Proprietary Blend

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGIH GUIDELINES
Ammonia	7664-41-7	<1	50 PPM	25 PPM
Glycol ethers	111-76-2	15-35	25 PPM	25 PPM

## SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212 Specific Gravity (H<sub>2</sub>O = 1.0) 1.001 pH- 12  
Vapor Pressure- (mmHg) Ammonia, Less than 15@68F Vapor Density ( Air = 1) Ammonia less than 1  
Solubility in Water- ☒ Complete ☐ Insoluble ☐ Emulsifiable (or dispersible) ☐ Slight (or partial)  
Evaporation Rate- (vs H<sub>2</sub>O) <1.0 ☐ Faster ☐ Slower ☐ About the Same  
Appearance and Odor- Dark blue liquid, butyl and/or ammonia odor.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point- (T.C.C.) ☒ None to Boiling Flammable Limits- Upper- Lower-  
Extinguishing Media- N/A  
Special Fire Fighting Procedures- None  
Unusual Fire and Explosion Hazards- None Physical Hazards- None

## SECTION 5 - REACTIVE DATA

Stability- Stable Incompatibility- Strong acids  
Hazardous Decomposition Products- Ammonia, nitrogen oxides upon thermal decomposition.

## SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure- ☒ Eye ☒ Skin ☒ Oral ☒ Inhalation ☐ Other-  
Signs and Symptoms of Over-Exposure (Acute)- Skin contact may cause irritation. Eye contact can cause irritation, corneal edema. Prolonged eye exposure may produce permanent damage. Ingestion may cause gastrointestinal irritation. Inhalation of vapors may cause respiratory tract irritation. Prolonged exposure may cause difficulty in breathing, pulmonary edema. Prolonged skin contact may cause burns and blisters.  
Signs and Symptoms of Over-Exposure (Chronic)- Same as Acute.  
Medical Conditions Aggravated by Over-Exposure- May aggravate pre existing dermatitis.  
Carcinogen or Suspect Carcinogen Ingredients- ☐ NTP ☐ IARC ☐ OSHA ☒ NONE

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.  
Skin: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.  
Ingestion: DO NOT induce vomiting. Drink large quantities of water. Keep person warm, quiet and get immediate medical attention.  
Inhalation: If affected, remove to fresh air. Administer oxygen if breathing is difficult.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection- Use NIOSH/MSHA approved respiratory protection if TLV(s) is exceeded.  
Ventilation Requirements- ☒ Local Exhaust ☐ Mechanical ☐ Other-  
Protective Gloves- Rubber Eye Protection- Safety glasses recommended  
Other Protective Clothing- None

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled- Absorb on solid absorbent and shovel into containers for disposal. Reportable Quantity (RQ) for Aqua Ammonia is 1000 lbs.  
Waste Disposal Methods- Dispose according to Federal, State, and Local Laws and 40 CFR.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage- Store between 40 and 100F.